

## BUFFS - NPDES

### **SOUTH FEATHER WATER AND POWER AGENCY MINERS RANCH WATER TREATMENT PLANT, Butte County**

The South Feather Water and Power Agency (Discharger) owns and operates a water treatment plant (WTP) with a design capacity to provide up to 14.4 million gallons per day (mgd) of potable water for domestic and agricultural purposes. The facility is located in Section 18, T19N, and R5E. Dechlorinated, treated water is used to backwash filters, and filter backwash water is discharged to a wash water settling basin. Clarified water from the settling basin is discharged to Miners Ranch Reservoir. Solids from flocculation/sedimentation steps are discharged directly to the sludge basin. Miners Ranch Reservoir is tributary to the Feather River via the Kelly Ridge Tunnel and Penstock. The Order contains effluent limits for suspended solids, settleable solids, chlorine, copper, pH, and acute toxicity. Based on results of effluent monitoring the Discharger cannot currently comply with the final effluent limitation for copper. A compliance schedule and an interim limit are included in this NPDES permit for copper. The Order also includes effluent and monitoring for discharging water associated with construction, start up, testing, maintenance, and repair of its raw water supply and potable water distribution systems. (BJS)